

**Attorney Docket N .**

**COMBINED DECLARATION/POWER OF ATTORNEY FOR PATENT APPLICATION**

**As a below named inventor(s), I(we) hereby declare that:**

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Molten Salt Bath for Electroforming and Method of Manufacturing Metal Product Using the Same, the specification of which

(check one)   x   is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as  
United States Application No. \_\_\_\_\_

\_\_\_\_\_ PCT International Patent Application Number \_\_\_\_\_  
 filed \_\_\_\_\_  
 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

### Prior Foreign Application(s)

Priority Claimed

2003-179788(P)                      Japan                      24/June/2003  
(Number)                      (Country)                      (Day/Month/Year Filed)

  x   Yes         No

\_\_\_\_ Yes \_\_\_\_ No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Appln. Serial No.)

(Filing Date)

(Status-patented, pending, abandoned)

(Appln. Serial No.)

(Filing Date)

(Status-patented, pending, abandoned) \*

I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute the patent application identified above and to transact all business in the U.S. Patent and Trademark Office connected therewith: Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Tom A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Patrick B. Law, Reg. No. 41,549; Robert E. LeBlanc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39,762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Robinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Michael D. Switzer, Reg. No. 39,552; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

Please address all correspondence and telephone calls to:

MCDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
WASHINGTON, D.C. 20005-3096  
Telephone: 202-756-8000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Koji NITTA

Inventor's signature Koji Nitta Date Jan. 22, 2004  
Residence Osaka-shi, Osaka, Japan Citizenship Japanese  
Post Office Address c/o Osaka Works of Sumitomo Electric Industries, Ltd.  
1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, Japan

Full name of second inventor Shinji INAZAWA

Inventor's signature Shinji Inazawa Date Jan. 22, 2004  
Residence Osaka-shi, Osaka, Japan Citizenship Japanese  
Post Office Address c/o Osaka Works of Sumitomo Electric Industries, Ltd.  
1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, Japan

Full name of third inventor Tsuyoshi HAGA

Inventor's signature Tsuyoshi Hoga Date Jan. 21, 2004  
Residence Ako-gun, Hyogo, Japan Citizenship Japanese  
Post Office Address c/o Harima Research Laboratories of Sumitomo Electric Industries, Ltd.  
12-1, Kouto 3-chome, Kamigori-cho, Ako-gun, Hyogo, Japan

Full name of fourth inventor Yasuhiko ITO

Inventor's signature Yasuhiko Ito Date Jan. 26, 2004

Residence Kyoto-shi, Kyoto, Japan Citizenship Japanese

Post Office Address c/o Kyoto University, 36-1, Yoshida-Honmachi, Sakyo-ku,  
Kyoto-shi, Kyoto, Japan

Full name of fifth inventor Toshiyuki NOHIRA

Inventor's signature Toshiyuki Nohira Date Jan. 26, 2004

Residence Kyoto-shi, Kyoto, Japan Citizenship Japanese

Post Office Address c/o Kyoto University, 36-1, Yoshida-Honmachi, Sakyo-ku,  
Kyoto-shi, Kyoto, Japan

Full name of sixth inventor Tokujiro NISHIKIORI

Inventor's signature Tokujiro Nishikiori Date Jan. 26, 2004

Residence Kyoto-shi, Kyoto, Japan Citizenship Japanese

Post Office Address c/o Kyoto University, 36-1, Yoshida-Honmachi, Sakyo-ku,  
Kyoto-shi, Kyoto, Japan

Docket No.: 70456-012

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
Koji NITTA, et al.	:	Confirmation Number:
Serial No.:	:	Group Art Unit:
Filed: February 12, 2004	:	Examiner:
For: MOLTEN SALT BATH FOR ELECTROFORMING AND METHOD OF MANUFACTURING METAL PRODUCT USING THE SAME		

**ASSOCIATE POWER OF ATTORNEY**

Mail Stop Associate Power of Attorney  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


The undersigned Principal Attorney of record hereby appoints the following Attorneys as his Associates with regard to the above-identified application: Stephen A. Becker, Reg. No. 26,527; John G. Bisbikis, Reg. No. 37,095; Richard E. Brown, Reg. No. 47,453; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Bernard P. Codd, Reg. No. 46,429; Lawrence T. Cullen, Reg. No. 44,489; Paul Devinsky, Reg. No. 28,553; Margaret M. Duncan, Reg. No. 30,879; Ramyar M. Farid, Reg. No. 46,692; Michael E. Fogarty, Reg. No. 36,139; John R. Fuisz, Reg. No. 37,327; Keith E. George, Reg. No. 34,111; Thomas A. Haag, Reg. No. 47,621; John A. Hankins, Reg. No. 32,029; Catherine Krupka, Reg. No. 46,227; Jack Q. Lever, Reg. No. 28,149; Michael A. Messina, Reg. No. 33,424; Dawn L. Palmer, Reg. No. 41,238; Joseph H. Paquin, Jr., Reg. No. 31,647; Scott D. Paul, Reg. No. 42,984; William D. Pegg, Reg. No. 42,988; Gene Z. Robinson, Reg. No. 33,351; Brian K. Seidleck, Reg. No. 51,321; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David M. Tennant, Reg. No. 48,362; Judith L. Toffenetti, Reg. No. 39,048; Kelli N. Watson, Reg. No. 47,170; Cameron K. Weiffenbach, Reg. No. 44,488; Aaron Weisstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Jeffrey A. Woller, Reg. No. 48,041; Alexander V. Yampolsky, Reg. No. 36,324; William Young, Reg. No. 54,718; and Wei-Chen Chen and Tomoki Tanida, admitted under 37 CFR 10.9(b) all of

McDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
Washington, DC 20005-3096

Please continue to address all communications to the undersigned.

February 12, 2004

By

  
Stephen A. Becker  
Registration No. 26,527  
Attorney for Applicant